

=> fil reg; d stat que l19  
FILE 'REGISTRY' ENTERED AT 14:00:51 ON 25 APR 2002  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2002 American Chemical Society (ACS)

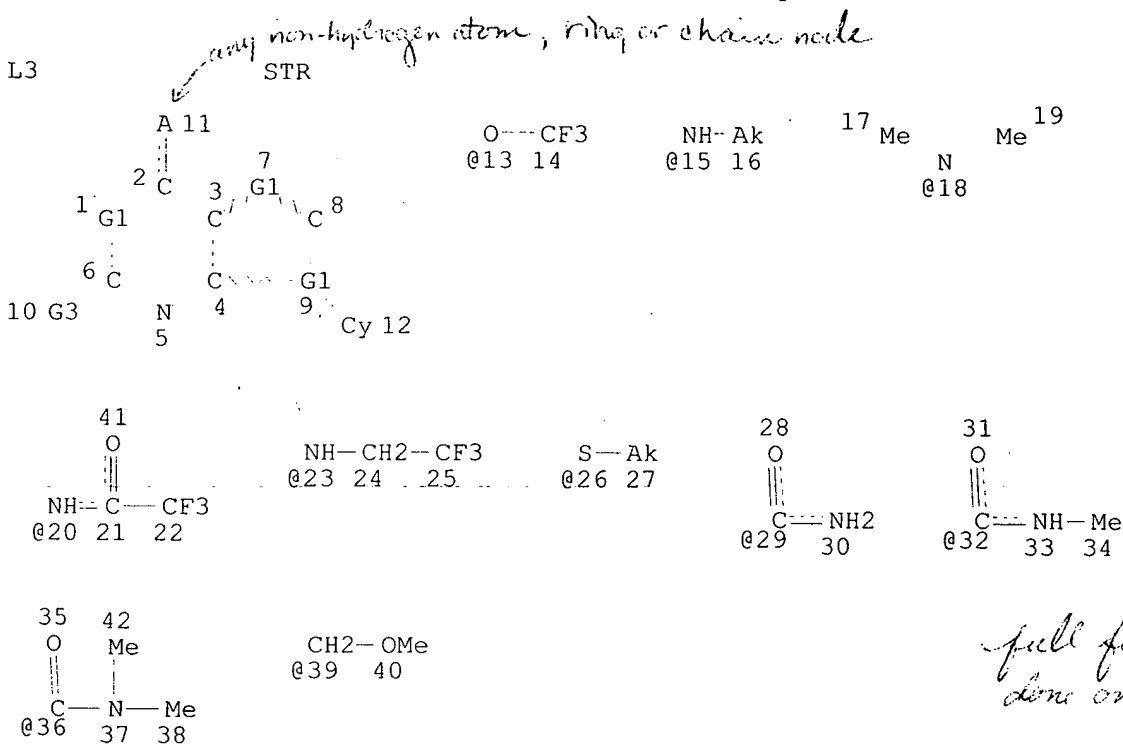
STRUCTURE FILE UPDATES: 23 APR 2002 HIGHEST RN 406909-40-8  
DICTIONARY FILE UPDATES: 23 APR 2002 HIGHEST RN 406909-40-8

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES  
for more information. See STNote 27, Searching Properties in the CAS  
Registry File, for complete details:  
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>



VAR G1=N/C

VAR G3=ME/ET/X/CN/OME/13/NH2/15/18/20/23/26/29/32/36/CF3/39

NODE ATTRIBUTES:

NSPEC IS RC AT 11

CONNECT IS E1 RC AT 16

CONNECT IS E1 RC AT 27

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

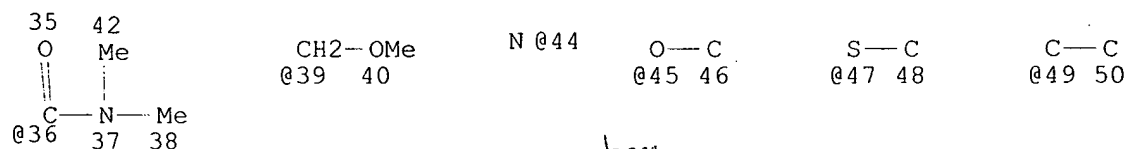
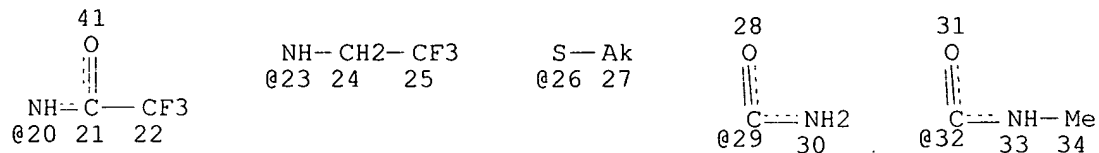
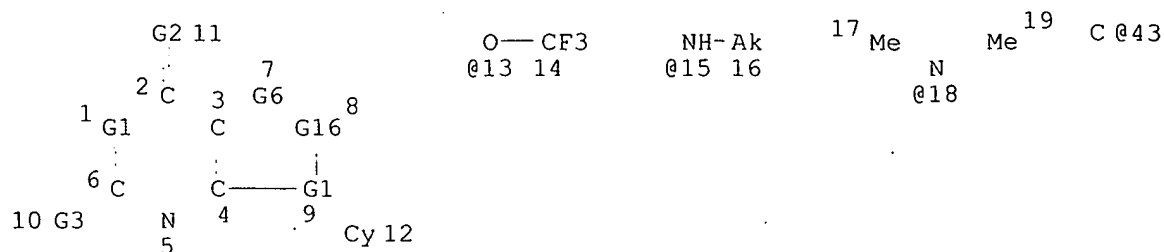
RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 42

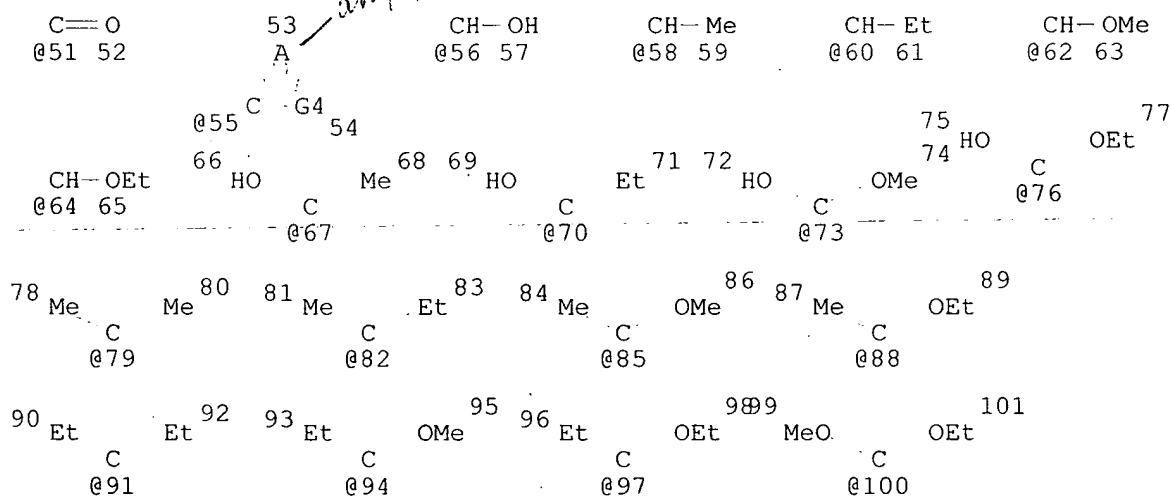
STEREO ATTRIBUTES: NONE

L6 902397 SEA FILE=REGISTRY ABB=ON (C5N/EAS OR C4N2/EAS) AND (C4N/EAS

L8 OR C3N2/EAS) AND NR>2  
 L9 37745 SEA FILE=REGISTRY SUB=L6 SSS FUL L3  
 STR



Page 1-A



*Subset search  
 done on this  
 structure  
 (chain 1)*

Page 2-A

VAR G1=N/C  
 VAR G2=44/43/45/47  
 VAR G3=ME/ET/X/CN/OME/13/NH2/15/18/20/23/26/29/32/36/CF3/39  
 REP G4=(1-6) A  
 VAR G6=CH/49/51/55  
 VAR G16=CH2/56/58/60/62/64/67/70/73/76/79/82/85/88/91/94/97/100/51/55  
 NODE ATTRIBUTES:  
 NSPEC IS RC AT 43  
 NSPEC IS RC AT 44  
 NSPEC IS RC AT 46  
 NSPEC IS RC AT 48  
 NSPEC IS RC AT 50  
 CONNECT IS E1 RC AT 16

CONNECT IS E1 RC AT 27  
DEFAULT MLEVEL IS ATOM  
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:  
RING(S) ARE ISOLATED OR EMBEDDED  
NUMBER OF NODES IS 101

STEREO ATTRIBUTES: NONE  
L19 59 SEA FILE=REGISTRY SUB=L8 SSS FUL L9

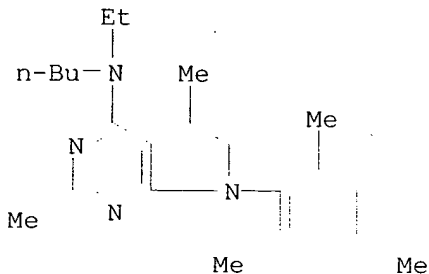
100.0% PROCESSED 2457 ITERATIONS 59 ANSWERS  
SEARCH TIME: 00.00.11

=> d que nos 122

L3 STR  
L6 902397 SEA FILE=REGISTRY ABB=ON (C5N/EAS OR C4N2/EAS) AND (C4N/EAS  
OR C3N2/EAS) AND NR>2  
L8 37745 SEA FILE=REGISTRY SUB=L6 SSS FUL L3  
L9 STR  
L19 59 SEA FILE=REGISTRY SUB=L8 SSS FUL L9  
L20 34 SEA FILE=REGISTRY ABB=ON C23H34N4/MF  
L21 7 SEA FILE=REGISTRY ABB=ON (C23H34N4.2CH3O4S/MF OR C23H34N4.2CLH  
/MF OR C23H34N4.3CLH/MF OR C23H34N4.BF4.H/MF OR C23H34N4.H2O4S/  
MF OR C23H34N4.HI/MF)  
L22 1 SEA FILE=REGISTRY ABB=ON (L21 OR L20) AND L19 *Species*

=> d ide 122

L22 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS  
RN 175139-32-9 REGISTRY  
CN 5H-Pyrrolo[2,3-d]pyrimidin-4-amine, N-butyl-N-ethyl-6,7-dihydro-2,5-  
dimethyl-7-(2,4,6-trimethylphenyl)- (9CI) (CA INDEX NAME)  
FS 3D CONCORD  
MF **C23 H34 N4**  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

8 REFERENCES IN FILE CA (1967 TO DATE)  
8 REFERENCES IN FILE CAPLUS (1967 TO DATE)

=> fil capl; d que nos 123; fil uspatf; d que nos 124  
FILE 'CAPLUS' ENTERED AT 14:01:28 ON 25 APR 2002

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2002 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 25 Apr 2002 VOL 136 ISS 17  
FILE LAST UPDATED: 23 Apr 2002 (20020423/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

CAS roles have been modified effective December 16, 2001. Please check your SDI profiles to see if they need to be revised. For information on CAS roles, enter HELP ROLES at an arrow prompt or use the CAS Roles thesaurus (/RL field) in this file.

L3 STR  
L6 902397 SEA FILE=REGISTRY ABB=ON (C5N/EAS OR C4N2/EAS) AND (C4N/EAS OR C3N2/EAS) AND NR>2  
L8 37745 SEA FILE=REGISTRY SUB=L6 SSS FUL L3  
L9 STR  
L19 59 SEA FILE=REGISTRY SUB=L8 SSS FUL L9  
L20 34 SEA FILE=REGISTRY ABB=ON C23H34N4/MF  
L21 7 SEA FILE=REGISTRY ABB=ON (C23H34N4.2CH3O4S/MF OR C23H34N4.2CLH/MF OR C23H34N4.3CLH/MF OR C23H34N4.BF4.H/MF OR C23H34N4.H2O4S/MF OR C23H34N4.HI/MF)  
L22 1 SEA FILE=REGISTRY ABB=ON (L21 OR L20) AND L19  
L23 8 SEA FILE=CAPLUS ABB=ON L22

FILE 'USPATFULL' ENTERED AT 14:01:28 ON 25 APR 2002  
CA INDEXING COPYRIGHT (C) 2002 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 25 Apr 2002 (20020425/PD)  
FILE LAST UPDATED: 25 Apr 2002 (20020425/ED)  
HIGHEST GRANTED PATENT NUMBER: US6378132  
HIGHEST APPLICATION PUBLICATION NUMBER: US2002049999  
CA INDEXING IS CURRENT THROUGH 25 Apr 2002 (20020425/UPCA)  
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 25 Apr 2002 (20020425/PD)  
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Feb 2002  
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Feb 2002

>>> USPAT2 is now available. USPATFULL contains full text of the <<<  
>>> original, i.e., the earliest published granted patents or <<<  
>>> applications. USPAT2 contains full text of the latest US <<<  
>>> publications, starting in 2001, for the inventions covered in <<<  
>>> USPATFULL. A USPATFULL record contains not only the original <<<  
>>> published document but also a list of any subsequent <<<  
>>> publications. The publication number, patent kind code, and <<<  
>>> publication date for all the US publications for an invention <<<  
>>> are displayed in the PI (Patent Information) field of USPATFULL <<<

>>> records and may be searched in standard search fields, e.g., /PN, <<<  
>>> /PK, etc. <<<

>>> USPATFULL and USPAT2 can be accessed and searched together <<<  
>>> through the new cluster USPATALL. Type FILE USPATALL to <<<  
>>> enter this cluster. <<<  
>>> <<<

>>> Use USPATALL when searching terms such as patent assignees, <<<  
>>> classifications, or claims, that may potentially change from <<<  
>>> the earliest to the latest publication. <<<

This file contains CAS Registry Numbers for easy and accurate  
substance identification.

L3 STR  
L6 902397 SEA FILE=REGISTRY ABB=ON (C5N/EAS OR C4N2/EAS) AND (C4N/EAS  
OR C3N2/EAS) AND NR>2  
L8 37745 SEA FILE=REGISTRY SUB=L6 SSS FUL L3  
L9 STR  
L19 59 SEA FILE=REGISTRY SUB=L8 SSS FUL L9  
L20 34 SEA FILE=REGISTRY ABB=ON C23H34N4/MF  
L21 7 SEA FILE=REGISTRY ABB=ON (C23H34N4.2CH3O4S/MF OR C23H34N4.2CLH  
/MF OR C23H34N4.3CLH/MF OR C23H34N4.BF4.H/MF OR C23H34N4.H2O4S/  
MF OR C23H34N4.HI/MF)  
L22 1 SEA FILE=REGISTRY ABB=ON (L21 OR L20) AND L19  
L24 3 SEA FILE=USPATFULL ABB=ON L22

=> dup rem 123,124

FILE 'CAPLUS' ENTERED AT 14:01:35 ON 25 APR 2002  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2002 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPATFULL' ENTERED AT 14:01:35 ON 25 APR 2002  
CA INDEXING COPYRIGHT (C) 2002 AMERICAN CHEMICAL SOCIETY (ACS)  
PROCESSING COMPLETED FOR L23  
PROCESSING COMPLETED FOR L24

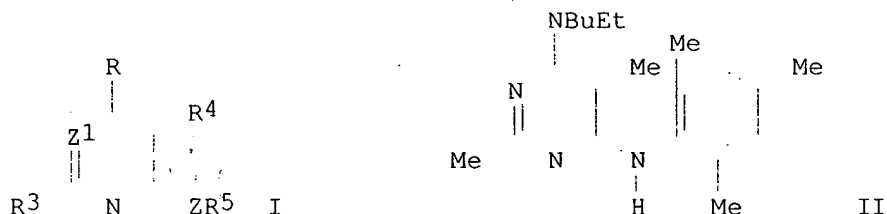
L29 10 DUP REM L23 L24 (1 DUPLICATE REMOVED)  
ANSWERS '1-8' FROM FILE CAPLUS  
ANSWERS '9-10' FROM FILE USPATFULL

=> d ibib abs hitrn 129 1-10; fil cao; d que nos 125

L29 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2002 ACS DUPLICATE 1  
ACCESSION NUMBER: 1999:635465 CAPLUS  
DOCUMENT NUMBER: 131:243283  
TITLE: Preparation of pyridine and pyrimidine derivatives as  
corticotropin releasing factor antagonists  
INVENTOR(S): Chen, Yuhpyng Liang  
PATENT ASSIGNEE(S): Pfizer Inc., USA  
SOURCE: U.S., 31 pp., Cont.-in-part of U.S. Ser. No. 255,514,  
abandoned.  
CODEN: USXXAM  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 2  
PATENT INFORMATION:

| PATENT NO. | KIND | DATE     | APPLICATION NO. | DATE     |
|------------|------|----------|-----------------|----------|
| US 5962479 | A    | 19991005 | US 1996-765110  | 19961206 |

WO 9533750 A1 19951214 WO 1995-IB439 19950606  
W: AU, CA, CN, CZ, FI, HU, JP, KR, MX, NO, NZ, PL, RU, SK, UA, US  
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE  
JP 2000001434 A2 20000107 JP 1999-162425 19950606  
JP 11246411 A2 19990914 JP 1998-343077 19981202  
JP 3223169 B2 20011029  
PRIORITY APPLN. INFO.: US 1994-255514 B2 19940608  
WO 1995-IB439 W 19950606  
JP 1995-500615 A3 19950606  
JP 1996-500615 A3 19950606  
OTHER SOURCE(S): MARPAT 131:243283  
GI



AB Title compds. [I; R = NR<sub>1</sub>R<sub>2</sub>, CHR<sub>1</sub>R<sub>2</sub>, OCHR<sub>1</sub>R<sub>2</sub>, etc.; R<sub>1</sub> = (un)substituted alkyl; R<sub>2</sub> = (cyclo)alkyl, (hetero)aryl, etc.; R<sub>3</sub> = halo, cyano, Me, Et, OMe, etc.; R<sub>4</sub> = H, halo, alkyl, alkoxy, etc.; R<sub>5</sub> = (hetero)aryl; Z = O, CH<sub>2</sub>, (alkyl)imino, etc.; Z<sup>1</sup> = CR<sup>7</sup> or N; R<sup>7</sup> = H, halo, Me, alkoxy(carbonyl), etc.; R<sub>4</sub>ZR<sub>5</sub> = (un)substituted CH<sub>2</sub>CH<sub>2</sub>CHR<sub>5</sub>, -CH<sub>2</sub>CH<sub>2</sub>NR<sub>5</sub>, -NHCONR<sub>5</sub>, -N:CHGNR<sub>5</sub>, etc.; G = H, OMe, Me, etc.] were prepd. Thus, 2,5-dimethyl-4,6-dichloropyrimidine was aminated by BuNH<sub>2</sub>Et and the product aminated by 2,4,6-Me<sub>3</sub>C<sub>6</sub>H<sub>2</sub>NH<sub>2</sub> to give title compd. II. Binding activities for I, expressed as IC<sub>50</sub> values, generally range from about 0.5nM to about 10.μM (sic).

IT 175139-32-9P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(prepn. of pyridine and pyrimidine derivs. as ACTH releasing factor antagonists)

REFERENCE COUNT: 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L29 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2001:796238 CAPLUS

DOCUMENT NUMBER: 135:339292

TITLE: Combinations of corticotropin releasing factor antagonists and growth hormone secretagogues

INVENTOR(S): Fossa, Anthony A.

PATENT ASSIGNEE(S): Pfizer Products Inc., USA

SOURCE: Eur. Pat. Appl., 58 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE     | APPLICATION NO. | DATE     |
|------------|------|----------|-----------------|----------|
| EP 1149583 | A2   | 20011031 | EP 2001-303033  | 20010330 |